

AMENDMENTS TO THE CLAIMS

1-15. (Cancelled)

16. (New) A structural member for connection to a cast panel having internal reinforcement, said structural member comprising:

a first element having a generally C-shaped cross section including first and second generally parallel faces spaced from each other by a third intermediate face;

a plurality of apertures spaced equidistantly on at least one of said faces;

a second element comprising a continuous strip with a plurality of angular folds spaced along said strip to form folded portions spaced equidistantly from each other;

said second element being positioned within said first element with substantially the entirety of said strip between said folded portions positioned within said first element and substantially the entirety of said strip at said folded portions projecting outwardly through respective apertures of the C-shaped first element and then returning to within said first element through each of said apertures;

said folded portions of said second element being adapted to be connected to the internal reinforcement of a cast panel.

17. (New) The structural member for connection to a cast panel according to claim 16, wherein said plurality of apertures are formed in said first face or said second face of said first element.

18. (New) The structural member for connection to a cast panel according to claim 16, wherein the folded portions of said second element are generally triangular in shape.

19. (New) The structural member for connection to a cast panel according to Claim 16, wherein the folded portions of said second element comprise perforations for receiving a portion of the internal reinforcement of a cast panel to thereby connect said structural member to the cast panel.

20. (New) The structural member for connection to a cast panel according to Claim 18, wherein adjoining portions of the said triangular folded portions of said second element comprise perforations for receiving a portion of the internal reinforcement of a cast panel to thereby connect said structural member to the cast panel.

21. (New) The structural member according to claim 16, connected by said folded portions to a cast panel thereby forming an element for the construction of a building.

22. (New) The structural member connected to a cast panel according to claim 21, in the form of a slab or wall which can function as a beam or column of the construction.

23. (New) The structural member for connection to a cast panel according to claim 16, wherein at least said second element is formed of metal.

24. (New) The structural member for connection to a cast panel according to claim 16, wherein said first and second elements are formed of metal.

25. (New) A structural member for connection to a cast panel having internal reinforcement, said structural member comprising:

a first element having a plurality of faces;

a plurality of apertures spaced equidistantly on at least one of said faces;

a second element comprising a continuous strip with a plurality of angular folds spaced along said strip to form folded portions spaced equidistantly from each other;

said second element being positioned within said first element with substantially the entirety of said strip between said folded portions positioned within said first element and substantially the entirety of said strip at said folded portions projecting outwardly through respective apertures of the first element and then returning to within said first element through each of said apertures;

said folded portions of said second element being adapted to be connected to the internal reinforcement of a cast panel.

26. (New) The structural member according to claim 25, connected by said folded portions to a cast panel thereby forming an element for the construction of a building.

27. (New) A structural member for connection to a cast panel having internal reinforcement, said structural member comprising:

a first element having a generally C-shaped cross section including first and second generally parallel faces spaced from each other by a third intermediate face;

a plurality of apertures spaced equidistantly on at least one of said faces;

a second element comprising a continuous strip with a plurality of angular folds spaced along said strip to form folded portions spaced equidistantly from each other;

said second element being positioned within said first element with substantially the entirety of said strip between said folded portions positioned within said first element and substantially the entirety of said strip at said folded portions projecting outwardly through respective apertures of the C-shaped first element.